

$$\textcircled{1} \text{ hrs} \left| \frac{1 \text{ hr}}{125 \text{ mL}} \frac{1000 \text{ mL}}{1} = \frac{1000}{125} = 8 \text{ hrs}$$

$$\textcircled{2} \frac{\text{mL}}{\text{Day}} \left| \frac{1 \text{ mL}}{10 \text{ gtt}} \frac{12 \text{ gtt}}{\text{min}} \frac{60 \text{ min}}{1 \text{ hr}} \frac{24 \text{ hr}}{\text{Day}} = \frac{17280}{10} = 1728 \text{ mL m a Day}$$

$$\textcircled{3} \text{ hrs} \left| \frac{1 \text{ hr}}{60 \text{ min}} \frac{1 \text{ min}}{30 \text{ gtt}} \frac{15 \text{ gtt}}{\text{mL}} \frac{300 \text{ mL}}{1} = \frac{4500}{1800} = 2.5 \text{ hrs}$$

$$\textcircled{4} \text{ hrs} \left| \frac{1 \text{ hr}}{100 \text{ mL}} \frac{1000 \text{ mL}}{1} = \frac{1000}{100} = 10 \text{ hrs}$$

$$\textcircled{5} \frac{\text{mL}}{\text{8 hrs}} \left| \frac{1 \text{ mL}}{10 \text{ gtt}} \frac{25 \text{ gtt}}{1 \text{ min}} \frac{60 \text{ min}}{1 \text{ hr}} \frac{8 \text{ hrs}}{1} = \frac{12000}{10} = 1200 \text{ mL m 8 hrs}$$

$$\textcircled{6} \text{ Units} \left| \frac{1000000}{1 \text{ mL}} 1.7 \text{ mL} = 1700000 \text{ Units}$$

$$\textcircled{7} \frac{\text{mcg}}{\text{min}} \left| \frac{1000 \text{ mcg}}{1 \text{ mg}} \frac{2 \text{ hrs}}{500 \text{ mL}} \frac{40 \text{ mL}}{\text{hr}} \frac{1 \text{ hr}}{60 \text{ min}} = \frac{80000}{30000} = 2.66\bar{6} = 2.67 \text{ mcg/min}$$

$$\textcircled{8} \frac{\text{mL}}{\text{Day}} \left| \frac{5 \text{ mL}}{125 \text{ mg}} \frac{500 \text{ mg}}{(1 \frac{1}{2})} \frac{2 (1 \frac{1}{2})}{\text{Day}} = \frac{5000}{125} = 40 \text{ mL Day (24 hrs)}$$

$$\textcircled{9} \frac{\text{grams}}{\text{Day}} \left| \frac{1 \text{ g}}{1000 \text{ mg}} \frac{850 \text{ mg}}{(acB+D)*} \frac{2 (acB+D)}{\text{Day}} = \frac{1700}{1000} = 1.7 \text{ grams m a Day}$$

$$\textcircled{10} \frac{\text{TAB}}{\text{Total Regimen}} \left| \frac{1 \text{ TAB}}{5 \text{ mg}} \frac{20 \text{ mg}}{\text{Day}} \frac{5 \text{ days}}{\text{Regime}} = \frac{100}{5} = 20 \text{ Tablets for 5 Day}$$